

Please type a plus sign (+) inside this box



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number 68/885,385 10/776099
Filing Date Jun 28, 2001
First Named Inventor Tsang, Wen-Ghui
Group Art Unit 1636
Examiner Name Sullivan
Attorney Docket Number 021164-000100US

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
DS	AF	5,874,306		Beattie, et al	2/23/99	

FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Office ⁴	Number ⁴	Kind Code ⁵ (if known)				

Examiner
Signature

Date
Considered

2/7/05

¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Unique citation designation number. ³ See attached Kinds of U.S. Patent Documents. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

SF 1313154 v1

Please type a plus sign (+) inside this box.



PTO/SB/08A (08-00)

Approved for use through 10/1/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Compl to H Kn wn

Application Number 02/085,685 101776099
Filing Date June 28, 2001
First Named Inventor Tsang, Wen-Ghih
Group Art Unit 1636
Examiner Name Not known D Sullivan
Attorney Docket Number 021184-000100US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
DR	AA	US 2001/0000324	A1	Todorov et al.	04-19-2001	
DR	AB	5,858,816		Coon et al.	03-30-1999	
DR	AC	5,828,942		Brothers	07-27-1999	
DR	AD	5,739,033		Soon-Shiong	04-14-1998	
DR	AE	5,001,647		Peck et al.	12-14-1999	
	AF					
	AG					
	AH					
	AI					
	AJ					

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
DR	BA	PCT	WO 00/47721	A2	Ontogeny, Inc.	08-17-2000		
DR	BB	PCT	WO 99/61568	A1	Desmos, Inc.	12-02-1999		
DR	BC	PCT	WO 00/78929	A1	Joslin Diabetes Center, Inc.	12-28-2000		
	BD							
	BE							
	BF							

Examiner Signature

D Sullivan

Date Considered

2/7/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

SF 1281585 v1

Please type a plus sign (+) inside this box → ☐

PTO/SB-088 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 2

Compl to If Known

Application Number	09/895,585
Filing Date	June 29, 2001
First Named Inventor	Tsang, Wen-Ghii
Group Art Unit	1638
Examiner Name	Not known
Attorney Docket Number	021184-000100US

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DS	001	Bonner-Weir, S., et al., "In vitro cultivation of human islets from expanded ductal tissue," <i>PNAS</i> , 97(14):7999-8004 (July 5, 2000).	
DS	002	Goyt, V., et al., "Adult Human Cytokeratin 19-Positive Cells Reexpress Insulin Promoter Factor 1 in Vitro Further Evidence for Pluripotent Pancreatic Stem Cells in Humans," <i>Diabetes</i> , 49:1871-1880 (October 2000).	
DS	003	Peck, A. B., et al., "Pancreatic stem cells: building blocks for a better surrogate islet to treat type 1 diabetes," <i>Ann Med</i> , 33:188-192 (2001).	
DS	004	Ryan, E. A., et al., "Clinical Outcomes and Insulin Secretion after Islet Transplantation with the Edmonton Protocol," <i>Diabetes</i> , 50:710-719 (April 2001).	
DS	005	Shapiro, A. M. J., et al., "Islet Transplantation in Seven Patients with Type 1 Diabetes Mellitus Using a Glucocorticoid-Free Immunosuppressive Regimen," <i>New England J. of Med.</i> , 343:230 (July 27, 2000).	
DS	006	Soon-Shiong, P., et al., "Long-term reversal of diabetes by the injection of immunoprotected islets," <i>Proc. Natl. Acad. Sci. USA</i> , 90:5843-5847 (June 1993).	
DS	007	Stephan, J.-P., et al., "Selective Cloning of Cell Surface Proteins Involved in Organ Development: Epithelial Glycoprotein is Involved in Normal Epithelial Differentiation," <i>Endocrinology</i> , 140(12):5841-5854 (1998).	
DS	008	Zhou, Y.-T., et al., "Leptin Normalizes the Impaired Response of Proinsulin mRNA to Long Chain Fatty Acids in Heterozygous Zucker Diabetic Fatty Rats," <i>J. Biol. Chem.</i> , 262(41):25946-25951 (1987).	
DS	009	Zukowski, H., et al., "Multipotential Nestin-Positive Stem Cells Isolated from Adult pancreatic islets Differentiate Ex Vivo into Pancreatic Endocrine, Exocrine, and Hepatic Phenotypes," <i>Diabetes</i> , 50:521-533 (March 2001).	
	010		
	011		

SF 1281585 v1

Examiner Signature		Date Considered	2/7/05
--------------------	---	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.
SF 1281585 v1

4/25/03

PTO/SB/03A (04-03)

Approved for use through 04/30/2003. OMB 0631-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Page

1

of

Complete if Known

Application Number

08/895,586-101776099

Filing Date

June 29, 2001

First Named Inventor

Tsang, Wen-Ghih, et. al.

Art Unit

1636

Examiner Name

Daniel M. Sullivan

Attorney Docket Number

021164-000100US

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-3,674,366	02-23-1999	Beattie et al.	

Duplicate

Examiner
Signature

DSullivan

Date
Considered

2/7/05

¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Applicant's unique citation designation number (optional). ³ Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 601.04. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-8199 (1-800-788-9199) and select option 2.

SF 1454271 v1



PTO/SB/08B (08-03)

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/776,099
		Filing Date	February 10, 2004
		First Named Inventor	Tsang, Wen-Ghih
		Art Unit	1654-1636
		Examiner Name	Not Yet Assigned <i>D Sullivan</i>
Sheet <i>1</i>	of <i>1</i>	Attorney Docket Number	021164-000140US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
<i>DS</i>	AA	WO	97/15310	A1	05-01-1997			<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

x Did not receive

Examiner Signature	<i>DSullivan</i>	Date Considered	<i>2/7/05</i>
-----------------------	------------------	--------------------	---------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.